

S/846/62/017/000/001/002
E071/E135

AUTHORS: Lozovoy, A.V., Muselevich, D.L., Ravikovich, T.M.,
Titova, T.A., and Cherkasova, V.F.

TITLE: A two-stage scheme for the production of chemical
products by hydrogenation of tar from the Cheremkov
coals

SOURCE: Akademiya nauk SSSR. Institut goryuchikh iskopayemykh.
Trudy. v.17, 1962. Khimicheskaya i termicheskaya
pererabotka topliva. 174-181.

TEXT: This is a continuation of the previously published work
in which the possibility of production of various compounds and
semiproducs from the tar produced by semicoking of the above coals
was demonstrated; namely, that by liquid phase (at 300-500 atm)
and high temperature vapour phase (at 75 atm) hydrogenation, 31-37%
of various chemicals, 37-51% of a high quality motor fuel and
18-25% of gases (C_nH_{2n+2} ; $C_1 - C_4$) can be obtained. In the
present work a gaseous phase hydrogenation directed towards the
production of chemical products instead of motor fuel was carried
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out in a 3 litre laboratory reactor. Liquid phase hydrogenation products of the tar boiling up to 300 °C, obtained under works' conditions, were used as a starting material. Phenols and a major part of nitrogenous bases were removed before the processing. The hydroaromatisation was carried out at 75 atm, hydrogen supply of 5.5 moles per mole of the raw material, and a temperature of 510 °C in the presence of a technical catalyst $\text{MoO}_3 + \text{Al}_2\text{O}_3$, at a volume velocity of 0.7-0.75 kg/l/hr. Operating period: 100 hours with one stop after 67 hours (without regeneration of the catalyst). According to composition and yield analyses the activity of the catalyst remained approximately the same throughout the operating period; 71-74% of liquid hydrogenated products, 3.5-4% of water and 23-25% of gaseous hydrocarbons ($\text{C}_n\text{H}_{2n+2}$, $\text{C}_1 - \text{C}_4$) were obtained.

A high degree of aromatisation (86.7% of aromatics, including 38.1% of monocyclic and 48.6% bicyclic and condensed and 13.3% of naphthenic and paraffinic hydrocarbons) was achieved. Over 82% of the liquid products boils below 250 °C; this fraction does not require a further hydrogenating treatment and represents a

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finished raw material for the separation of aromatic hydrocarbons; the residue boiling above 250 °C must be returned to hydrogenation. By a two stage hydrogenation treatment of the tar combined with a preliminary separation of phenols (C₆ - C₈) and bases and with other processes, 62-66% of valuable chemical compounds and semiproducts (aromatic hydrocarbons C₆ - C₈, phenols C₆ - C₈, naphthalene, monomethylnaphthalenes, solvents, etc), 33-37% of gases C_nH_{2n+2} can be obtained with a hydrogen consumption of 5.7-6.0% on the weight of the tar. There are 1 figure and 2 tables. ✓

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~~LOZOVY, A. V.~~; MUSELEVICH, D. L.; RAVIKOVICH, T. M.; SENYAVIN, S. A.;
TITOVA, T. A.; CHERKASOVA, V. F.

Catalysts on the aluminosilicate base for hydrogenation under
high hydrogen pressure. Trudy IGI 17:199-211 '62.
(MIRA 15:10)

(Aluminosilicates) (Hydrogenation) (Coal tar)

BORTS, A. G.; KRICHKO, A. A.; KONYASHINA, R. A.; LOZOVY, A. V.;
L'VOVA, L. N.; Prinimala uchastiye: TSITRON, I. L.

Production of chemicals from the anthracene fraction of coke-
oven coal tar by the high temperature hydrogenation method.
Trudy IGI 17:250-261 '62. (MIRA 15:10)

(Anthracene) (Coal-tar products)
(Hydrogenation)

BLONSKAYA, A. I.; DEMBOVSKAYA, Ye. A.; LOZOVY, A. V.; Prinsipala
uchastiye: MARKINA, Z. G.

Oxidation of naphthalene and monomethylnaphthalene fractions
of semicoke-tar aromatic hydrogenates to phthalic anhydride.
Trudy IGI 17:182-186 '62. (MIRA 15:10)

(Coal-tar products) (Naphthalene) (Phthalic anhydride)

BLONSKAYA, A. I.; LOZOVY, A. V.; Prinimala uchastiye: MARKINA, Z. G.

Composition of aromatic hydrogenates obtained from a semicoke
tar of Cheremkhovo coals. Trudy IGI 17:187-198 '62.
(MIRA 15:10)

(Coal-tar products) (Hydrogenation)

LOZOVY, A. V.; MARKINA, T. I.; SENYAVIN, S. A.

Coke formation on an alumina-molybdenum oxide catalyst in the
course of high temperature hydrogenation. Trudy IGI 18:235-245
'62. (MIRA 15:10)

(Petroleum products) (Hydrogenation)
(Catalysts)

KRICHKO, A.A.; LOZOVY, A.V.; MEZHLUMOVA, A.I.; PAL'CHIKOV, G.F.; RAVIKOVICH, T.M.; TITOVA, T.A.; CHERKASOVA, V.F.; Primali uchastiye: MUSELEVICH, D.L.; SOVETOVA, L.S.; TSITRON, I.L.

Obtaining naphthalene from straight-run fractions of the Anastasiyevska petroleum. Nefteper. i neftekhim. no.10:3-8 '63.

(MIRA 17:2)

1. Institut goryuchikh iskopayemykh AN SSSR, Groznenskiy kreking-zavod i Upravleniye neftepererabatyvayushchey i neftekhimicheskoy promyshlennosti.

ZAKHARENKO, V.A.; LOZOVY, A.V.

Transformations of m-cresol, benzyl alcohol, cyclohexanol, and
2-octanol during high temperature hydrogenation. Zhur. prikl.
khim. 36 no.4:881-885 Ap '63. (MIRA 16:7)

1. Institut goryuchikh iskopayemykh AN SSSR.
(Alcohols) (Hydrogenation)

DRONIN, A.P.; ZAMANOV, V.V.; KRICHKO, A.A.; LOZOVY, A.V.; MAKAR'YEV, S.V.;
MEZHLUMOVA, A.I.; PAL'CHIKOV, G.F.; STEPURO, S.I.

Combined arrangement for the use of thermal-cracking kerosine.
Khim. i tekhn. topl. i masel 9 no.6:18-24. Je'64 (MIRA 17:7)

1. Giprogrozneft', Institut goryuchikh iskopayemykh AN SSSR i
Grozneftekhimzavody.

I. 51878-65 EWT(m)/EPF(c)/EWP(j) Pch/Pr-h RM

ACCESSION NR: AP5015468

UR/0318/64/000/011/0018/0021

AUTHOR: Krichko, A.A.; Lozovoy, A.V.; Titova, T.T.

TITLE: Role of steam in the production of naphthalene from crude petroleum

SOURCE: Neftepererabotka i neftekhimiya, no. 11, 1964, 16-21

TOPIC TAGS: crude petroleum, naphthalene, petroleum refining, petroleum refinery

Abstract: The influence of steam and the ratio of hydrogen to crude on the results of the high-temperature thermal hydrodesalkylation of the aromatized extract of catalytic cracking gas oil was investigated at 700° and 40 atm pressure for the production of naphthalene. It was found that when 20% steam (of the weight of the crude) is introduced into the reaction zone, the degree of conversion and formation of naphthalene practically does not decrease, and the process proceeds for a long time without coke formation. Without steam, the reaction zone rapidly cokes up. The ratio of hydrogen to crude for accomplishing the process in a prolonged cycle without coke formation should comprise 1.8-2 cubic meters per kilogram. At a ratio of 1.35 cubic meters per kilogram and below, considerable coke formation is observed. The aromatized extract

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L 51878-65

ACCESSION NR: AP5015468

with boiling point up to 295-300° of the catalytic cracking gas oil can be entirely reprocessed to naphthalene, fractions with boiling points up to 200°, and hydrocarbon gas by reprocessing in a 1:1 mixture with recycle. The yield of naphthalene is about 30%, while that of the fraction up to 200° (high-octane gasoline) is up to 35%. About 25% benzene can be obtained in place of the gasoline. Hydrogen consumption for the processes is 2.6%. Orig. art. has 4 tables.

ASSOCIATION: Institut goryuchikh iskopayemykh (Institute of Mineral Fuels)

QUANTITY: 00

ENCL:00

SUB CODE: FP

NO REF SOV: 004

OTHER: 001

JPRS

Card

2/2

KRICHKO, A.A.; LOZOVY, A.V.; TITOVA, T.T.; Prinimali uchastiye:
RAVIKOVICH, T.M.; CHERKASOVA, V.F.

Role of water vapor in the production of naphthalene from
petroleum raw stock. Nefteper. i neftekhim. no.11:18-21 '64
(MIRA 18:2)

KRICHKO, A.A.; LOZOVY, A.V.; MEZHLUMOVA, A.I.; MUSELEVICH, D.L.;
PAL'CHIKOV, G.F.; SKVORTSOV, D.V.

Hydrogenation of petroleum products in the fluidized bed of
a catalyst. Neftoper. i neftekhim. no.12:15-20 '64.

(MIRA 18:2)

1. Institut goryuchikh iskopayemykh AN SSSR, Upravleniye nefte-
pererabatyvayushchey i khimicheskoy promyshlennosti, g. Groznyy,
i Groznenskiy kreking-zavod.

L 10531-66 EWT(m)/T WE

ACC NR: AP6003167

SOURCE CODE: UR/0318/64/000/012/0015/0020

AUTHOR: Krichko, A. A.; Lozovoy, A. V.; Mezhlumova, A. I.; Muselevich, D. L.;
Pal'chikov, G. F.; Skvortsov, D. V.ORG: IGI; Administration of Petroleum Conversion and Chemical Industry, Groznyy
(Upravleniye n/pererabatyvayushchey i khimicheskoy promyshlennosti); Groznyy
Cracking Plant, Groznyy (Groznskiy krekng-zavod)

TITLE: Hydrogenation of petroleum products in a fluidized solids catalyst layer

SOURCE: Neftepererabotka i neftekhimiya, no. 12, 1964, 15-20

TOPIC TAGS: hydrogenation, catalysis, naphthalene, petroleum refining

ABSTRACT: Aromatized fractions with 83-91% aromatics and an average molecular weight of 165.5-169.0 (boiling range 200-300°) were extracted with aqueous pyridine from a catalytic cracking gas oil and subjected to hydrogenation on an Al-Co-Mo oxides catalyst in a fluidized bed. The optimum conditions for the production of naphthalene by this process comprised 20 atm pressure, ~550° temperature, hourly space velocity of 0.8-0.9 kg/1.hr, and a supply of hydrogenating gas (80% H₂ and 20% CH₄) amounting to 1-1.5 m³/kg raw material. Under these conditions, a 50% conversion of the raw material to products boiling below 230° was obtained and the yield of naphthalene was 12-14% by weight in a single hydrogenation stage. The authors are grateful to V. S. Al'tshuler and G. P. Sechenov for their help in this work. Orig. art. has: 3 figures, 5 formulas, and 3 tables.

/JPRS/

SUB CODE: 21. 07 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 006
Card 1/1 UDC: 665.581

PANASYUK, V.V.; LOZOVYI, B.L. [Lozovyi, B.L.]

Determining the magnitude of disrupting stresses for a plate with
two cracks of equal length. Dop.AN URSR no.7:876-880 '61.
(MIRA 14:8)

1. Institut mashinovedeniya i avtomatiki AN USSR i Ukrainskiy
poligraficheskiy institut. Predstavleno akademikom AN USSR
G.N.Savinym [Savin, H.M.].
(Electric plates and shells)

KRICHKO, A.A.; LOZOVY, A.V.; MEZHUMOVA, A.I.; PAL'CHIKOV, G.F.;
STEPURO, S.I.; TITOVA, T.A.; Primala uchastiye RAVIKOVICH, T.M.

Production of phenanthrene from the low-sulfur gas oils from
catalytic cracking. Khim. i tekhn. topl. i masel 10 no.12:
10-14 D '65. (MIRA 19:1)

1. Institut goryuchikh iskopayemykh, Moskva i Ob'yedineniye
"Grozneftekhimzavody".

ZARECHNYUK, O.S.; LOZOVY, B.L.

Calculation of the value of wetting of solid surfaces by liquids.

Izv.vys.ucheb.zav.;khim,i khim.tekh. 3 no.4:759-760 '60.

(MIRA 13:9)

1. Ukrainskiy poligraficheskiy institut imeni Iv.Fedorova, kafedra
khimii.

(Wetting)

PANASYUK, V.V. (L'vov); LOZOVY, B.L. [Lozovy, B.L.] (L'vov)

Bending of a strip with a rectilinear slit. Prykl.mekh. 7
no.6:627-634 '61. (MIRA 14:11)

1. Institut mashinovedeniya i avtomatiki AN USSR i L'vovskiy
poligraficheskiy institut.
(Beams and girders)

10.7600
10.6100

42177
S/813/62/000/001/003/008
E081/E183

AUTHORS: Panasyuk, V.V., and Lozovoy, B.L.

TITLE: Determination of the limiting stresses in extension of an elastic plane with two unequal cracks

SOURCE: Akademiya nauk Ukrayins'koyi RSR. Instytut mashynoznavstva i avtomatyky, L'viv. Voprosy mekhaniki real'nogo tverdogo tela. no.1, Kiev, 1962, 37-56.

TEXT: The paper is a continuation of previous work (DAN URSR, no.7, 1961) of the present authors. The system analysed is shown in the figure, and consists of two unequal cracks with their ends at the points -d, -c, a, b, with the stress applied perpendicular to the line abcd. The problem is to determine the value σ_Y of the tensile stress σ_Y at which the equilibrium of the cracks becomes unstable, that is, the stress at which the cracks increase their length and begin to propagate. Considering the energy of the system, the critical stress will be determined by the condition

$$\frac{\partial}{\partial Y} (U - W) = 0 \quad (1)$$

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Determination of the limiting ...

S/813/62/000/001/003/008
E081/E183

where W is the decrease in the elastic energy; U is the surface energy of the crack; γ is any of the $a, b, c,$ or d abscissae. The elastic energy W is derived in a form containing elliptic integrals, and equations are obtained for the limiting stress at the points a, b, c, d . The simplified equations applicable to the special case of two equal cracks are also derived. The elliptic integrals required for the solution of the problem are discussed in detail and a number of theorems and relations applicable to elliptic integrals of the first, second and third kinds are proved. There is 1 figure.

SUBMITTED: June 1, 1961

Card 2/3

S/179/62/000/001/018/027
E001/E535

24.4200

AUTHORS: Lozovoy, B.L. and Panasyuk, V.V. (L'vov)
TITLE: Some problems of the bending of a strip with a
rectilinear crack
PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye
tekhnicheskikh nauk. Mekhanika i mashinostroyeniye,
no.1, 1962, 138-143
TEXT: The paper deals with the deformation under stress
of a beam or strip containing a linear crack at right angles to
the axis of the strip; the strip is subjected to external load:
a bending moment, a force acting at a point, or a uniformly
distributed load. Using the complex variable method of
Muskhelishvili (Ref.1: Some basic problems of the mathematical
theory of elasticity, Izd-vo AN SSSR, 1954), the problem is
first solved for a strip or beam without a crack in uniform
bending, for a cantilever beam subjected to an end load, and
for a uniformly distributed load. These solutions are modified
for a strip or beam with a crack by introducing the appropriate
boundary conditions. Previous results of Barenblatt (Ref.2:
Card 1/2

Some problems of the bending ...

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E081/E535

Prikladnaya matematika i mekhanika, 1959, v.23, nos.3,4,5;
Ref.5: The basic representation of the theory of equilibrium
cracks formed during brittle rupture. Collection of problems of
the mechanics of continuous media. Izd-vo AN SSSR, 1961) are
then used in conjunction with the final solutions to derive
formulae for the critical internal stresses and external loads at
which the crack propagates across the section of the strip, i.e.
at which the strip ruptures. There are 3 figures. ✓B

SUBMITTED: September 2, 1961

Card 2/2

44208

S/021/62/000/011/006/013
D251/D308

10.7400

AUTHORS: Panasyuk, V. V. and Lozovyy, B. L.

TITLE: On the development of two cracks of unequal length

PERIODICAL: Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 11, 1962, 1444-1447

TEXT: The authors consider an infinite elastic plate with two unequal cracks lying on the x-axis in the intervals $(-d, -c)$ and (a, b) . An intensive monotonically increasing stress $\sigma_y = \rho$ is applied at $y = \pm\infty$. The limiting values of the external stresses for which the cracks begin to increase (develop) are sought, $p_{cr}^{(\lambda)}$

($\lambda = a, b, c, d$) being the critical stress for development at the point p. The solution is based on certain proposals in the work of G. I. Barenblatt (PMM, v. 23, 434, 706, 893, 1959; Izv. AN SSSR. OTN, mekh. i mashinostroyeniye, 3, 79, 1960). Hence the critical stress p_{cr} is obtained from the relationship

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On the development ...

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D251/D308

$$\lim_{x \rightarrow \lambda} \sqrt{x - \lambda} Y_y(x, 0) = \frac{K}{\pi} \quad (4)$$

where $Y_y(x, 0)$ is the stress perpendicular to the line of the cracks and K is the modulus of cohesion. Hence applying the results of N. I. Mushkelishvili formulas for the critical stresses are evaluated in terms of elliptic integrals. The case of equal cracks and the case when the length of one is small in comparison with the length of the other are considered as special cases. ✓

ASSOCIATIONS: Instytut mashinoznavstva ta avtomatyky AN URSR (Institute of Machine Science and Automation of the AS UkrSSR); Ukrayins'kyi polihrafichnyi instytut (Ukrainian Polygraphic Institute)

PRESENTED: by H. M. Savin, Academician

SUBMITTED: February 5, 1962

Card 2/2

PANASYUK, V.V.; LOZOVY, B.L.

Determination of the limit tensile stresses for an elastic plane
with two unequal cracks. Vop. mekh. real'. tver. tela no.1:7-56
'62. (MIRA 16:1)

(Strains and stresses) (Elasticity)

S/879/62/000/000/030/088
D234/D308

AUTHORS: Panasyuk, V. V. and Lozovoy, B. L. (L'vov)

TITLE: Determination of limit stresses in the extension of a plate with two unequal cracks

SOURCE: Teoriya plastin i obolochek; trudy II Vsesoyuznoy konferentsii, L'vov, 15-21 sentyabrya 1961 g. Kiev, Izd-vo AN USSR, 1962, 204-208

TEXT: The authors solve the problem of development of two unequal cracks situated on a straight line when tensile stresses are applied at infinity at straight angles to the line. The energy method (Griffith's theory) is used. The deduction is described in full in a previous paper (collection 'Voprosy mekhaniki real'nogo tverdogo tela', Izd-vo AN USSR, no. 1, 1962). There is 1 figure.

Card 1/1

L 10808-63

EWP(r)/EWT(m)/BDS

AFFTC

EM /

ACCESSION NR: AP3000880

S/0178/63/000/002/0043/0050

AUTHOR: Lozovoy, B. L. (L'vov); Panasyuk, V. V. (L'vov) 52

TITLE: Determining the limit loading in flexure of a beam with a crack beyond its neutral axis 26

SOURCE: AN SSSR. Izv. Otd. tekhn. nauk. Mekhanika i mashinostroyeniye, no. 2, 1963, 43-50

TOPIC TAGS: limit load, critical load, crack in a solid, crack advance, crack propagation, macroscopic crack

ABSTRACT: The stress and strain distribution around a crack in an isotropic elastic strip (beam) under flexural loading acting in its middle plane is analyzed. The rectilinear vertical crack is located in the zone of tensile stresses of the beam. The minimum transverse loading under which the crack starts to advance, called the limit (critical) loading, is determined by using the concept of a perfectly brittle solid in the solution of the problem. The state of stress and strain in a beam without a crack is described by the two N. I. Muskhelishvili analytical functions; the effect of the crack is taken into account by using appropriate boundary conditions. These functions for a beam

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ACCESSION NR: AP3000880

with a crack are determined for the following types of beams and loads: 1) a beam under pure flexure, 2) a cantilever beam with a concentrated force at the free end, and 3) a simply supported beam under a continuous uniform load. The equations for determining the limit loading in all three cases are derived from expressions for the vertical displacements of the points of the crack.

Macroscopic cracks are also discussed, and formulas for the limit values of moments (case 1), concentrated force (case 2), and uniform load (case 3) are given. Orig. art. has: 3 figures and 39 formulas.

ASSOCIATION: none

SUBMITTED: 10Mar62

DATE ACQ: 12Jun63

ENCL: 00

SUB CODE: AP

NO REF SOV: 006

OTHER: 000

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Card 2/2

PANASYUK, V.V.; LOZOVY, B.L.

Determination of the ultimate load for a strip having two
uneven cracks and subjected to bending. Vop. mekh. real'. tver.
tela no. 2149-58 '64. (MIRA 17:9)

ACCESSION NR: AT4041658

S/2813/64/000/002/0059/0063

AUTHOR: Lozovoy, B. L.

TITLE: Critical stresses for a plate with three slits.

SOURCE: AN UkrSSR. Institut mashinovedeniya i avtomatiki. Lvov. Voprosy mekhaniki real'nogo tverdogo tela, no. 2, 1964, 59-63

TOPIC TAGS: infinite plate, constant stress, elastic constant, analytic function, tensile stress, rupture

ABSTRACT: An infinite plate with three slits was considered. The slits were spread equally along the x-axis, the outer two having the same length. The plate was subjected to a constant stress $\sigma_y^\infty = \sigma_\infty$ along its infinite direction (y). The condition was then discussed where $\sigma_\infty = \sigma$ (critical) and the cracks (slits) start to increase in length. According to N. I. Muskhelishvili (Nekotoryye osnovnyye zadachi matematicheskoy teorii uprugosti, Izd-Vo AN SSSR, 1954) this condition is reached if the normal elastic tensile stress $\gamma_y(x,0)$ satisfies the condition

$$\lim_{x \rightarrow \lambda} [\sqrt{x-\lambda} \gamma_y(x, 0)] = \frac{K}{\pi}$$

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ACCESSION NR: AT4041658

where λ = the end abscissa of one of the slits and K = a function of the elastic constant E . The stress-strain state of the elastic plate was then expressed through the two analytic functions $\Phi(z)$ and $\Omega(z)$ given by

$$\Phi(z) = \frac{C_0 z^3 + C_1 z^2 + C_2 z + C_3}{\sqrt{(z^2 - a^2)(z^2 - b^2)(z^2 - c^2)}} - \frac{1}{4} \sigma_{\infty}$$

$$\Omega(z) = \frac{C_0 z^3 + C_1 z^2 + C_2 z + C_3}{\sqrt{(z^2 - a^2)(z^2 - b^2)(z^2 - c^2)}} + \frac{1}{4} \sigma_{\infty}$$

After some manipulation this yields for the tensile stress $\gamma_y(x, 0)$

$$\gamma_y(x, 0) = \frac{2(C_0 x^3 + C_1 x)}{\sqrt{(x^2 - a^2)(x^2 - b^2)(x^2 - c^2)}}$$

The results indicate that the slits move toward each other along the x-axis, eventually forming a single slit and causing an ultimate rupture of the plate. Orig. art. has: 19 formulas and 1 figure.

ASSOCIATION: Institut mashinovedeniya i avtomatiki, Lvov, AN UkrSSR (Institute of Machine Design and Automation, AN UkrSSR)

SUBMITTED: 01Jun62

CODE: ME

Card 2/2

NO REF SOV: 005

ENCL: 00

OTHER: 001

LOZOVY, B.L.

A contact problem in the bending of a strip having a rectilinear slot. Vop. mekh. real'. tver. tela no. 2:135-151 '64.

(MIRA 17:9)

PEMASYUK, V.V.; LOZOVYI, B.L. [Lozovyi, B.L.]

Solution of the problem of determining the critical forces for a strip with a noncentral crack. Dop. AN URSR no.8:1032-1036 '62.
(MIRA 18:2)

1. Institut mashinovedeniya i avtomatiki AN UkrSSR i Ukrainskiy poligraficheskiy institut.

SEVROV, Konstantin Pavlovich; LOZOVY, Dmitriy Andreyevich; MER, Iosif Il'ich; MANAKIN, N.V., redaktor; MAL'KOVA, N.V., tekhnicheskiiy redaktor.

[Trailing and mounted types of road machinery; tractor driver's manual] Pritsepye i navesnye doroznye mashiny; spravochnik traktorista. Moskva, Nauchno-tekhn.izd-vo avtotransportnoi lit-ry, 1955. 402 p. (MLRA 8:11)
(Road machinery)

LOZOVY, D.A., kandidat tekhnicheskikh nauk.

"Fuel and servicing of road machinery" by I.F. Kuvaitsev. Reviewed
by D.A. Lozovoi. Avt.dor. 20 no.3:32 Mr '57. (MLRA 10:5)
(Motor fuels) (Road machinery--Maintenance and repair)
(Kuvaitsev, I.F.)

LOZOVY, D.A., kand. tekhn. nauk; KOSTIN, A.A., inzh.; OSTROVSKIY, A.;
TSYGANOV, R.; CHVANOV, V.

Reviews and bibliography. Avt. dor. 28 no.4:30-42 Ap '65.
(MIRA 18:5)

LOZOVY, D.A., kand.tekhn.nauk

"Excavators" by P.I. Kokh. Reviewed by D.A. Lozovoi. Stroi. 1
dor mashinostr. 4 no.3:39-40 Mr '59. (MIRA 12:4)
(Excavating machinery) (Kokh, P.I.)

LOZOVY, D. A., kand. tekhn. nauk; VIGDOPCHIK, Ya. Yu., inzh.

New tractor loosener for frozen ground. Stroi. i dor. mash. 7
no.11:17-19 N '62. (MIRA 16:1)

(Frozen ground) (Earthmoving machinery)

LOZOVYI, D.A., kand.tekhn.nauk; ZHIKHAREV, N.L., kand.tekhn.nauk

Increasing the reliability and durability of construction and
road machinery. Mekh.stroi. 19 no.12:15-16 D '62. (MIRA 15:12)
(Construction equipment) (Road machinery)

LOZOVY, D.A., kand. tekhn. nauk; POKROVSKIY, A.A., inzh.

A book for workers and innovators. Avt. dor. 26 no.6:31 Je '63.
(MIRA 16:8)

(Road machinery)

LOZOVY, D.A., kand. tekhn. nauk; PASHIN, V.D., inzh.; TRUSHIN, Yu.M., inzh.

Working frozen ground with rotary excavators in the Main
Administration for Industrial Construction in the Volga Area.
Mekh. stroi. 20 no.9:17 S '63. (MIRA 16:10)

(Frozen ground)
(Excavating machinery)

LOZOVY, D.A., kand.tekhn.nauk

Remarks which should be considered. Transp. stroi. 14 no.8:58-59
Ag '64. (MIRA 18:1)

SEVROV, K.P., kand. tekhn. nauk; LOZOVY, P.A., kand. tekhn. nauk; KABALKIN, V.A., kand. tekhn. nauk; FOMIN, M.I., kand. tekhn. nauk; POKROVSKIY, A.A., inzh.; FROMBERG, A.N., doktor tekhn. nauk prof., retsenzent

[Road construction machinery] Dorozhnostroitel'nye mashiny. Moskva, Mashinostroenie, 1965. 384 p.

(MIRA 19:1)

(A)

ACC NR: 1 25587-66 EWT(d)/ENP(h)/ENP(1)

AM6004821

Monograph

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27

B+1

Sevrov, K. P.; Lozovoy, D. A.; Kabalkin, V. A.; Fomin, M. I.; Pokrovskiy, A. A.

Road construction machinery (Dorozhnoostroitel'nyye mashiny) Moscow, Izd-vo "Mashino-stroyeniye", 1965. 384 p. illus., biblio. Errata slip inserted. 10,000 copies printed. Textbook for students specializing in road construction machinery at institutions of higher learning

TOPIC TAGS: highway engineering, excavating machinery, construction machinery, road

PURPOSE AND COVERAGE: The book describes the constructions of road building machines of Soviet manufacture (predominantly new models), and contains a brief review of the constructions of foreign machines as well as a description of original model designs. The main trends in the development of road building machinery are indicated. The purpose of the book was to help future engineers in the study of the construction of such machinery and is a textbook for students in courses of "Construction and Road Building Machinery and Equipment" and "Automobile Roads" of polytechnic and automobile-road institutes. It can also be used by engineers and technicians, mechanics, and constructors, during the operation of road-building machinery. It is intended to serve as a companion to the existing textbooks on the theory and design of machinery. Chapters 1, 2, and 4 were written by engineer A. A. Pikrovskiy, Ch. 3 by Candidate of Technical Sciences D. A. Lozov, Ch. 6 by Candidate of Technical Sciences K. P. Sevrov, Ch. 8 by Candidate of Technical Sciences V. A. Kabalkin, Chs. 9 and 10 by Candidate of Technical Sciences M. I. Fomin, Ch. 5 by Candidate of Technical Sciences N. L. Zhikharev, and Ch. 7 by B. N. Zakharov. The overall editor of

Card 1/2

UDC: 621.0:625.002.2(075.8)

2

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ACC NR: AM6004821

the textbook was Candidate of Technical Sciences, Professor K. P. Sevrov

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SUB CODE: 13/

SUBM DATE: 05 Jun 65/

ORIG REF: 018

Card 2/2 dda

LOZOVY, D.I.

The goat moth (*Cossus cossus* L.) in park plantation of Tiflis.
Soob.AN Gruz.SSR 8 no.5:329-335 '47. (MIRA 9:7)

1.Akademiya nauk Gruzinskoy SSR, Botanicheskiy sad, Tbilisi.
Predstavlene chlenom-korrespondentom Akademii L.P.Kalandadze.
(Tiflis--Moths) (Trees--Diseases and pests)

LOZOVYI, D.I.

Bark beetles in young pine stands of the Atenskoye Gorge.
Seeb. AN Gruz. SSR 9 no. 1:69-73 '48. (MIRA 9:7)

I. Akademiya nauk Gruzinskey SSR, Goriyskiy opytnyy leskhoz,
Institut lesa. Predstavleno chlenom-korrespondentom Akademii
L.P. Kalandadze.

(Atenskoye Gorge--Bark beetles)

LOZOVY, D.I.

Elm pests in Tiflis. Soob.AN Gruz.SSR 9 no.4:253-259 '48. (MLRA 9:7)

1.Akademiya nauk Gruzinskey SSR, Tbilisskiy botanicheskiy sad. Predstavlena
deystvitel'nym chlenom Akademii F.A.Zaytsevym.
(Tiflis--Elm--Diseases and pests)

LOZOVY, D.I.

Number of generations in the bark beetle *Ips sexdentatus* in relation to climatic conditions of Siberia and Transcaucasia. Seob. AN Gruz. SSR 9 no.5:313-315 '48. (MIRA 9:7)

1. Akademiya nauk Gruzinskey SSR, Tbilisekiy betanicheskiy sad, Tbilisi.
(Siberia--Bark beetles) (Transcaucasia--Bark beetles)

LOZOVY D. I.

Pakhunova, V. G. and Lozovoy, D. I. - "Lichens in the high mountainous woodlands of the Georgian SSR," Trudy Tbilis. botan. in-ta, Vol. XII, 1948, p. 135-38, (Resume in Georgian), - Bibliog: p. 138

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 10, 1949).

LOZOVY, D. I.

Lozovoy, D. I. "Harmful insects of Tbilis park plantings," Vestnik Tbilis,
botan. sada, Issue 57, 1948, p. 195-210 - Resume in Georgian language -
Bibliog: 25 items

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. e, 1949)

LOZOVY, D. I.

24158 LOZOVY, D. I. Zhuki-drovoseki v parkovykh nasazhdeniyakh Tbilisi i bor'ba s nimi. Soobshch. Akad. nauk Gruz. SSR, 1949, No. 3, S. 173-78.
Bibliogr: 5 Nazv.

SO: Letopis, No. 32, 1949.

LOZOVY, D. I.

26570 Metodike analiza koroednogo dereva. Sopbshch. Akad. Nauk Gruz. SSR, 1949, No. 4, s. 245-47 - Bibliogr: 5 nazv.

SO: LETOPIS' NO. 35, 1949

LOZOVY, D. I.

35378 Vershinnyy Korod V Sosnovykh Hasa Zheniyakh Gorivskogo Leskhosa.
Sobshch. Akad. Nauk Gruz. SSR. 1949, No. 5, S. 305-12.--Bi liogr: 7 MAZ7.

SO: Letopis' Zhurnal'nykh Statey Vol. 34, Moskva, 1949

LOZOVY, D.I.

21906. LOZOVY, D. I.

Rezultaty nablyudeniya nad razmnozheniyem shestizubchatogo koroyeda
(Jps sexdentatus Boern.) v lesakh gruzinskoy SSR v 1943 i 1944 gg.
Trudy Zool. in-ta (Akad. Nauk Gruz. SSR), t. VIII, 1949, s. 247-64. -
Rezyume na gruz. yaz. - Bibliogr: 25 nazv

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

LOZOVY, D.I.; MIRZOYAN, S.A.

Harmfulness of mistletoe in the forests of Transcaucasia. *Izv. AN
Arm. SSR. Biol. i sel'khoz. nauki.* 5 no.10:83-88 '52. (MLRA 9:8)

1. Botanicheskiy sad AN Gruzinskoy SSR i Sektor zashchity rasteniy
AN Armyanskoy SSR.

(Transcaucasia--Mistletoe) (Trees--Diseases and pests)

LOZOVY, D.I.; SHISHKINA, A.A.; ZAYTSEV, F.A., deystvitel'nyy chlen.

Injuries of trees caused by insects and fungi, connected with sun burns,
in conditions prevailing in Tiflis. Soob.AN Gruz.SSR 13 no.9:533-537 '52.
(MLRA 6:5)

1. Akademiya Nauk Gruzinskoy SSR (for Zaytsev). 2. Akademiya Nauk Gru-
zinskoy SSR. Tbilisskiy botanicheskiy sad (for Lozovoy, Shishkina).
(Tiflis--Trees--Diseases and pests)

IOZOVY, D.I.

Growing daphne (*Daphne indica* Loise.) in Tiflis. Biul.Glav.bot.sada no.14:
97-99 '52. (MIRA 6:5)

1. Tbilisskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR.
(Tiflis--Daphne) (Daphne--Tiflis)

1. LOZOVY, D. I.
2. USSR (600)
4. Tiflis - Cherry Laurel
7. Cherry laurel and insects which are injurious to it in Tiflis, Biul.MOIP. Otd. biol., 57, No. 5, 1952.
9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

LOZOVY, D.I.

Some pine pests in the afforested areas and natural undergrowth of Transcaucasia. Izv.AN Arm.SSR.Biol.i sel'khoz. nauki 6 no.12: 83-86 '53. (MLRA 9:8)

1. Botanicheskiy sad Akademii nauk Gruzinskoy SSR.
(Transcaucasia--Pine--Diseases and pests)

LOZOVY, D.I.

Injurious activity of bark beetles in spruce forests of the Georgian
S.S.R. Trudy Zool. inst. AN Gruz. SSR 11:63-72 '53. (MLBA 9:7)
(Georgia--Bark beetles)

LOZOVY, D.I.

Hackberry and its injurious insects in the environment of Tiflis.
Soob.AN Gruz.SSR 14 no.3:159-161 '53. (MLRA 7:4)

1. Akademiya nauk Gruzinskoy SSR. Tbilisskiy botanicheskiy sad.
(Tiflis--Hackberry) (Hackberry--Tiflis)
(Insects, Injurious and beneficial)

LOZOVY, D.I., kandidat biologicheskikh nauk (Tbilisi)

Yev. Priroda 42 no.8:105-107 Ag '53.

(MLRA 6:7)

(Yev)

LOZOVY, D.I.

Mass multiplication of injurious insects in forest and park plantings
of Transcaucasia. Izv.AN Arm.SSR.Riol.i sel'khoz.nauki 7 no.5:
41-52 My '54. (MLBA 9:8)

1. Botanicheskiy sad AN Gruzinskoy SSR.
(Transcaucasia--Insects, Injurious and beneficial)
(Trees--Diseases and pests)

LOZOVY, D.I.

Longicorn beetle *Cerambyx dux* Fald. in Georgia. Trudy Zool.
inst. AN Gruz. SSR 13:119-132 '54. (MIRA 8:8)
(Georgia--Longicorn beetles)

LOZOVY, D.I.

Importation of harmful insects to park plantations of Tiflis.
Biul.Glav.bot.sada no.19:117-119 '54. (MIRA 8:2)

1. Tbilisskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR.
(Tiflis---Insects, Injurious and beneficial)

LOZOVY, D.I.

Causes of the mass increase of the bark beetle *Ips sexdentatus*
Boern. in pine plantings of the Georgian S.S.R. Zool.zhur. 33 no.4:
815-821 J1-Ag '54. (MLRA 7:8)

1. Tbilisskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR.
(Georgia--Bark beetles) (Bark beetles--Georgia)
(Pine--Diseases and pests)

LOZOVYI, D.I.

Mass mining insects and their control in the forests and parks of
Transcaucasia. Biol.MOIP Otd.biol. 59 no.1:51-52 Ja-P '54. (MLRA 7:5)
(Transcaucasia--Leaf miners) (Leaf miners--Transcaucasia)

LOZOVY, D.I.

Areas of habitat of the large pine-bark beetle in Transcaucasia.
Dokl. AN SSSR 94 no. 6: 1175-1176 F '54. (MLRA 7:2)

1. Tbilisskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR.
(Transcaucasia--Bark-beetles) (Bark-beetles--Transcaucasia)

LOZOVYI, D.I.

Some propagation characteristics of tree insect pests in arid regions of eastern Georgia. Zool.zhur.34 no.5:1031-1036 8-0 '55. (MLRA 9:1)

1.Tbilisskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR.
(Georgia--Insects, Injurious and beneficial)(Trees--Diseases and pests)

LOZOVY, D.I., (Tbilisi)

Particularities of nutrition of jays and green woodpeckers.
Priroda 44 no.12:117 D '55. (MIRA 9:1)

(Jays) (Woodpeckers)

LOZOVY, D.I.

Ecogeographical characteristics and regional classification of the principal forest insects and the basis of control measures in the Georgian SSR. [with English summary in insert]. Zool. zhur. 35 no. 3: 365-372 Mr '56. (MIRA 9:7)

1. Tbilisskiy botanicheskiy sad AN Gruzinskoy SSR.
(Georgia--Forest insects)

LOZOVY, D.I.
USSR/General and Special Zoology. Insects

P

Abs Jour : Ref Zhur -- Biol., No 6, 1958, No 25817

Author : ~~Lozovoy D.I.~~

Inst : Not Given

Title : Pine Saw Flies in Georgia. (Sosnovyye pilil'shchiki v Gruzii).

Orig Pub : Vostn. Tbilissk. botan. srds, 1956, vyp. 63, 171-177

Abstract : Three species of saw flies were found: 1) the solitary saw-fly warvor *Lyda hieroglyphica* was widely distributed; but rare; it was a secondary pest on young pines; 2) the common saw fly *Diprion pini* was found only once in the Tbilisi region, where it was, possibly, brought in accidentally; 3) the pine red saw fly *Noodiprion scirifer* -- one of the principal pests in pine forests; in forest cultures and in parks it was the only pest found in considerable quantities. The number of conynphs undergoing diapause, especially in areas, situated not higher than 400 m above sea level, was not bigger than 5-10%; during some years the diapause of the

Card : 1/2

USSR / General and Specialized Zoology. Insects.

P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6808.

Author : Lozovoy, D. I.
Inst : Tbilisi Botanical Garden.
Title : Pests of Park And Forest Park Plants of the
Town Rustavi.

Orig Pub: Vestn. Tbilissk. botan. sada, 1956, vyp. 63,
179-192.

Abstract: Data about 27 species of major pests (the infected varieties, distribution) and a list of 23 of less harmful insects were reported. The basic species of the pests were characterized by a concealed form of life in their larvae phase; they were mostly pests hidden in the trunks. The gypsy moth and the annular silk-worm were more adapted to local conditions;

Card 1/3

USSR / General and Specialized Zoology. Insects.

P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6808.

Abstract: among other foliage pests there were some with double and multiple generations, especially the elm and poplar leaf beetles. May beetles and other pests inhabiting the soil did not find the conditions suitable for mass propagation. The resistance of tree varieties to insects was determined under local conditions mostly by their resistance to drought. Sharp changes in weather, dryness of the air in summer, winds had a direct negative effect on the insects that were not concealed. But these very factors sharply decreased the resistance of the trees, especially those on less favorable soils (an increase in transpiration, the loosening of the trunks and the breaking of roots). Under local conditions the density of the plantings weakened them and contributed to

Card 2/3

23-24

USSR/General and Specialized Zoology - Insects. Harmful
Insects and Acarids. Forest Pests.

P

Abs Jour : Ref Zhur Biol., No 6, 1959, 25478

Author : Lozovoy, D.I.

Inst : Academy of Sciences GeorgSSR

Title : Concerning Harmful Insects and Their Control in Forest
and Park Plantations of the Georgian SSR

Orig Pub : Vestn. Tbilissk. botan. nauk. AN GruzSSR, 1957, No 64,
71-81

Abstract : Creation of regional complexes of tree plants, determining
specific groupings of insects. A summary of the more harm-
ful pests (P) of conifer and deciduous trees. In the
roots, also the insects observable sporadically in in-
creased numbers but having no economic significance. The
massive P of natural conifer trees, exclusively species

Card 1/3

- 30 -

USSR/General and Specialized Zoology - Insects. Harmful
Insects and Acarids. Forest Pests.

P

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CIA-RDP86-00513R001030710002-7"

Abs Jour : Ref Zhur Biol., No 6, 1959, 25478

secretly existing mostly on trunks. On deciduous trees
(especially in Western Georgia) species predominate
which lead a cryptic and semi-cryptic way of life. The
condition of the trees - one of the principal factors,
determining the increase of the P numbers. Assignment of
the ecological method of control - the creation of con-
ditions, eliminating the danger of numerical growth and
insuring resistance to insects by the existing and
future plants. The composition and ecological peculia-
rities of massive P must be considered as important syl-
viculture factors. A correct selection and utilization
of forms of the economy, a correct change of environmental
conditions within the bounds of individual insect regions
and tree complexes of Western and Eastern Georgia signi-
ficantly remove the threat of the P propagation outbreaks.
Physical-engineering and chemical means maintain their

Card 2/3

USSR/General and Specialized Zoology - Insects. Harmful
Insects and Acarids. Forest Pests.

P

Abs Jour : Ref Zhur Biol., No 6, 1959, 25478

value in the complex of destructive measures. -- A.P.
Adrianov

Card 3/3

- 31 -

USSR/General and Specialized Zoology - Insects. Harmful
Insects and Acarids. Forest Pests.

P

Abs Jour : Ref Zhur Biol., No 6, 1959, 25500

Author : Lozovoy, D.I.

Inst : Tbilisi Botanical Garden, AS GeorgSSR

Title : The Small Pine Beetle on Conifer Plantations in the
Georgian SSR

Orig Pub : Vestn. Tbilissk. botan. sada AN GRuzSSR, 1957, No 64,
83-88

Abstract : The principal fodder plant of the pine beetle (B) in
Transcaucasia is the Koch pine tree. Under local clima-
tic conditions, the flight of B starts early and lively.
The larvae develop mainly under the thin bark. At the
usual splitting of the larva under the uterine ducts,
the larvae prove to be very vulnerable; they perish

Card 1/2

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USSR/General and Specialized Zoology - Insects. Harmful
Insects and Acarids. Forest Pests.

P

Abs Jour : Ref Zhur Biol., No 6, 1959, 25500

in spring with a prolonged rainy weather. In connection
with small dimensions of the exploitation of the Geor-
gian pine plantations, possessing, on the whole, a sani-
tary and protective value, and almost complete absence
of massive pests on needles of the native pine forests
and small significance of forest fires -- important fac-
tors of the B propagation are excluded. B damages the
pines of the eastern part of Eastern Georgia, which grow
in a relatively dry climate and on low-power degenerated
soils where resistance of the conifers is easily and
rapidly reduced under the influence of insufficient humi-
dity. The basis for the B control in Georgia is a sys-
tematic destruction of the bark beetle's reserve stock
to eliminate the possibility of damaging the growing
forest. -- A.P. Adrianov

Card 2/2

LOZOVCIY, D.I. Doc Biol Sci -- (diss) "~~the~~ Harmful insects ^{of} forest
and park plantings of the Georgian SSR," Tbilisi. Publishing House of
the Acad of Sci ~~of the Georgian~~ SSR, 1958. 48 pp (Zool Inst Acad of Sci
USSR. Sci Council. Central Botanical Garden of the Acad of Sci ~~of the~~
~~Georgian~~ SSR). 150 copies. List of ^{author's} works, ~~by the author.~~ pp 44- 48 (78 titles)
(KL, 37-58, 111)

- 12 -

LOZOVY, D.I.

Scarabaeid beetles, their production and economic importance
in Transcaucasia. Vest.Bot.sada AN Gruz.SSR no.66:167-176 '60.
(MIRA 14:10)

(Transcaucasia--Scarabaeidae)
(Insects, Injurious and beneficial)

LOZOVY, D.I.

European wintering pine-shoot moth (*Evetria buoliana thurificana*
Id.) in Transcaucasia. Vest.Bot.sada AN Gruz.SSR no.66:177-185
'60. (MIRA 14:10)

(Transcaucasia--Pine-shoot moth)

LOZOVY, D.I.

Measures for controlling injurious insects in forests and parks
of the Georgian S.S.R. Vest.Bot.sada AN Gruz.SSR no.66:187-194
'60. (MIRA 14:10)

(Georgia--Forest insects)

LOZOVY, D.I.

Pests of roses in the arid regions of eastern Georgia. Vest.Bot.
sada AN Gruz.SSR no.67:75-81 '61. (MIRA 15:7)
(Georgia-Roses-Diseases and pests)

LOZOVY, D.I.

Tamarisks and their insect pests in the arid regions of eastern
Georgia. Vest.Bot.sada AN Gruz.SSR no.67:83-89 '61. (MIRA 15:7)
(Georgia--Tamarisk)

LOZOVY, D.I.

Bark beetles of coniferous woody plants in the parks and forests
of Georgia. Vest.Bot.sada AN Gruz.SSR no.67:91-113 '61.

(MIRA 15:7)

(Georgia--Bark beetles) (Coniferae--Diseases and pests)

LOZOVY, D.I.

Bark beetles of conifer stands in Transcaucasia. Vop. ekol. 7:
100-102 '62. (MIRA 16:5)

1. Botanicheskiy sad AN GruzSSR, Tbilisi.
(Transcaucasia--Bark Beetles)
(Transcaucasia--Coniferae--Diseases and pests)

I. OZOVY, D.I.

Woody plant pests of Georgia from the order Lepidoptera. Vest. Tbil.
bct.sada no.69:49.96 '63. (MIRA 17:10)

LOZOVY, D.I.; BAGATURIYA, V.Ya.

Carnations and their protection from diseases and pests in
Tiflis and environs. Vest. Tbil. bot. sada no.69:125-
130 '63. (MIRA 17:10)

LOZOVY, Dmitriy Ivanovich; MAKHATADZE, L.B., red.

[Injurious insects in the parks and park forests of
Georgia] Vrednye nasekomye parkovykh i lesoparkovykh
nasazhdenii Gruzii. Tbilisi, Metsniereba, 1965. 268 p.
(MIRA 18:8)

LOZOVY, D.I., doktor biolog.nauk; GULISASHVILI, V.Z., prof., akademik,
red.; NINUA, K.V., red.izd-va

[Bark beetles in parks and orchards of Tiflis District and
methods for their control] Korodny parkovykh i plodovykh
nasazhdenii Tbilisskogo raiona i mery bor'by s nimi. Tbilisi,
Izd-vo Akad.nauk Gruzinskoi SSR, 1960. 53 p.

(MIRA 14:4)

1. Akademiya nauk Gruzinskoy SSR (for Gulisashvili).
(Tiflis District--Bark beetles)

LOZOVY, I.A.

Calculation of the characteristics of companding in systems with
code-impulse modulation. Elektrosviaz' 15 no.10:19-25 0 '61.
(MIRA 14:10)

(Information theory)

LAMIN, P.Z.; LOZOVY, I.I.

Nonsolenoid system for the automatic operation of a grease
lubrication station. Met. i gornorud. prom. no.1:71-72
Ja-F '65. (MIRA 18:3)

LAMIN, P.Z., inzh.; STRELETS, S.V., inzh.; LOZOVY, I.I., master

Automatic gear lubrication. Mekh.1 avtom.proizv. 18 no.3:21-22
Mr '64. (MIRA 17:4)

LOZOVY, K., inzh.

Using the method of brigades. Grazhd.av. 18 no. 1:7 Ja '61.

(MIRA. 14:3)

(Aeronautics, Commercial)

DEMCHENKO, I.V.; PLAKHOTNYUK, I.V.; LOZOVY, N.M.

Mining 704 meters of the drift per month with the PK-3 cutter-loader.
Ugol' Ukr. 5 no.5:29 My '61. (MIRA 14:5)

1. Shakhtoupravleniye "Privol'nyanskoye-Severnoye" tresta Lisichanskugol'.
(Coal mining machinery)

- LOZOVYĬ, P.I., inzh. (g.Novochoerkassk); LIBERMAN, V.L., inzh.
(g.Novochoerkassk)

Standardization of diesel and electric locomotive units.
Zhel.dor.transp. 43 no.8:51-52 Ag '61. (MIRA 14:8)
(Loccmotives--Design and construction)

ONOPRIYENKO, V.P., kand.tekhn.nauk; STARSHINOV, B.N., kand.tekhn.nauk;
BRUSOV, L.P., inzh.; LOZOVY, P.R., inzh.; BURDYUKOV, D.P.,
inzh.; ORLOV, V.S., inzh.

Sintering of Krivoy Rog magnetic concentrates. Trudy Ukr.
nauch.-issl.inst.met. no.5:36-52 '59. (MIRA 13:1)

1. Ukrainskiy institut metallov, Krivorozhskiy Yuzhnyy
gornoobogatitel'nyy kombinat i Krivorozhskiy metallurgicheskiy
zavod.

(Krivoy Rog--Iron ores) (Sintering)